

  
**Nantwich Rural District Council**

# **ANNUAL REPORT**


OF THE

## **Medical Officer of Health**

FOR THE YEAR

### **1970**

**TO WHICH IS APPENDED THE REPORT OF THE  
CHIEF PUBLIC HEALTH INSPECTOR**





Nantwich Rural District Council

# ANNUAL REPORT

OF THE

Medical Officer  
of Health

FOR THE YEAR

1970

TO WHICH IS APPENDED THE REPORT OF THE  
CHIEF PUBLIC HEALTH INSPECTOR

1st July, 1971.

To the Chairman and Members of the Nantwich Rural District Council

My report on the health of the Rural District Council for the year 1970 follows:

### **Vital Statistics**

I have included a comparative statistics table covering the last decade. This table clearly demonstrates the wide fluctuations that can occur in statistics compiled on relatively small populations. It is also useful for obtaining ten-year average figures which are better figures for comparative purposes.

During 1970, 12 infants died before reaching the age of 1 year and the infantile mortality rate of 24 per 1,000 live births is high. The average figure for the past decade is 9 infant deaths per annum. In 1970, 10 of these babies died during the first 4 weeks of life, a period during which an infant death is less easily prevented. The total number of live births (508) shows a small fall on the 1969 figure (513) and the Live Birth Rate of 14.60 is the lowest for the past 6 years. The illegitimate live birth rate percentage of all live births (3%) is very low. The England and Wales percentage is about three times the Nantwich R.D.C. figure.

The total number of deaths was 339, the average for the last decade being 340. On an increasing population this is therefore, a low figure, and the adjusted Death Rate per 1,000 population (10.8) is also low. A table is included showing the causes given on the death certificates. Of the 67 deaths attributed to cancer, 17 were primary lung cancers. It is interesting to reflect that a man can reduce the likelihood of dying from cancer by one third by not smoking cigarettes.

### **Infectious Diseases**

Measles notifications, 158, is a high figure – immunisation now well under way should show improvement in future years. Several persons in Church Minshull developed infective jaundice. This is a liver infection caused by a virus, has a long incubation period, and the spread of infection is not easy to control. It seems likely that many people develop resistance without ever having the symptom and signs of an acute infection. The disease has been nationally notifiable for only a very short time.

The Engineer and Surveyor has kindly provided detailed information on sewerage, sewage disposal and housing, in the body of the report.

I remain,

Your obedient servant,

D. G. CRAWSHAW.



## **PUBLIC HEALTH COMMITTEE**

The Whole Council.

Chairman: Councillor W. Hulme.

Vice-Chairman: Councillor J. D. Goodwin.

## **STAFF OF THE PUBLIC HEALTH DEPARTMENT**

Medical Officer of Health: Dr. R. Kenneth Hay, M.D., D.P.H.  
(Resigned 31/3/70)

Dr. D. G. Crawshaw, M.B., Ch.B.,  
D.C.H., D.P.H. (as from 1/4/70)

Chief Public Health Inspector: John S. Townley, M.A.P.H.I.,  
M.Inst. P.C.

Deputy Chief Public Health Inspector: John Craven, M.A.P.H.I.,  
Cert. I. of Housing.

Additional Public Health Inspector: Malcolm B. Elliott,  
M.A.P.H.I.

Additional Public Health Inspector: Kenneth M. Jones, Cert.  
P.H.I.E.B.

Additional Public Health Inspector: L. Peter Boardman,  
Cert. P.H.I.E.B.

Additional Public Health Inspector: James H. Bruce, M.A.P.H.I.  
(Resigned 2/8/70)

Additional Public Health Inspector: Brian Joynson, M.A.P.H.I.  
(as from 1/9/70)

Cleansing Inspector: Frederick C. Morgan.

Clerical Assistant/Shorthand Typist: Miss Wendy E. Peacock.

Male Trainee: John N. Foster.

Clerk: Benjamin A. Reinhardt.

## STATISTICS AND SOCIAL CONDITIONS

Area (in acres)	...	...	...	...	...	100,885
Population	...	...	...	...	...	34,700
Number of inhabited houses			...	...	...	12,006
Rateable value	...	...	...	...	...	£1,136,942
Estimated sum represented by a penny rate					...	£11,470

## VITAL STATISTICS

	MALE			FEMALE		
	Total	Legitimate	Illegitimate	Total	Legitimate	Illegitimate
Live Births	264	255	9	244	236	8
Still Births	—	—	—	3	3	—
Deaths of Infants:						
Under 1 year of age	7	6	1	5	4	1
Under 4 weeks of age	6	5	1	4	3	1
Under 1 week of age	5	4	1	2	1	1
Deaths at all Ages	189			150		
Livebirths per 1,000 population	...	...	...	...	...	14.6
Illegitimate livebirths as percentage of all livebirths				...		3
Stillbirths per 1,000 total live and stillbirths				...	...	6
Infant Mortality Rate (Deaths under 1 year per 1,000 livebirths)	...	...	...	...	...	24
Neonatal Mortality Rate (Deaths under 4 weeks per 1,000 livebirths)	...	...	...	...	...	20
Early Neonatal Mortality Rate (Deaths under 1 week per 1,000 livebirths)	...	...	...	...	...	14
Perinatal Mortality Rate (Stillbirths and deaths under 1 week combined per 1,000 total live and stillbirths)	...			...	...	20
Adjusted Death Rate per 1,000 population (all ages)				...		10.8

# COMPARATIVE STATISTICS 1960 - 1970

Year	LIVE BIRTHS			STILLBIRTHS		DEATHS		INFANT DEATHS					MATERNAL DEATHS			
	No.	Rate per 1,000 Estimated Population	No.	Rate per 1,000 Total Live and Stillbirths	No.	Rate per 1,000 Estimated Population	Under 4 weeks	4 weeks to 12 months	Total	Rate per 1,000 Live Births	Number			Rate per 1,000 Total Births		
											Sepsis	Other	Total			
1960	28,790	460	15.98	11	23.37	311	10.80	3	2	5	10.87	-	-	-	-	
1961	27,920	384	13.75	4	10.31	311	11.14	2	4	6	15.63	-	-	-	-	
1962	28,560	469	16.40	2	4.20	331	11.60	6	8	14	29.70	-	-	-	-	
1963	29,051	420	14.46	9	20.98	339	11.67	3	5	8	19.05	-	-	-	-	
1964	29,180	451	15.45	6	13.12	358	12.26	5	3	8	17.73	-	-	-	-	
1965	29,760	456	15.32	7	15.11	319	10.71	6	3	9	19.73	-	-	-	-	
1966	30,660	453	14.77	6	13.07	339	11.05	5	4	9	19.86	-	-	-	-	
1967	31,470	479	15.22	8	16.43	326	10.36	-	2	2	4.18	-	1	1	2.05	
1968	32,600	532	16.31	7	12.98	375	11.50	10	1	11	20.69	-	1	1	1.85	
1969	34,200	513	15.00	6	12.00	359	11.60	5	1	6	12.00	-	-	-	-	
1970	34,700	508	14.60	3	6.00	339	10.80	10	2	12	24.00	-	-	-	-	

## ROAD ACCIDENTS AND CASUALTIES

The Road Safety Officer has kindly supplied the following particulars:

	1969	1970
Total number of accidents ... ..	192	186

### Persons Killed

Children under 5 years ... ..	—	—
Children aged 5 to 15 years ... ..	2	—
Persons over 15 years ... ..	12	8

The above figures include the following:—

Persons who reside in the Rural District of Nantwich	4	—
Persons who reside outside the Rural District of Nantwich	10	8

### Persons Injured

Children under 5 years (serious) ... ..	1	—
Children under 5 years (slight) ... ..	3	5
Children 5 to 15 years (serious) ... ..	8	11
Children 5 to 15 years (slight) ... ..	19	9
Persons over 15 years (serious) ... ..	72	82
Persons over 15 years (slight) ... ..	194	182



## WEATHER CONDITIONS

The following weather conditions for the year, have been supplied by the Principal of the Cheshire College of Agriculture, Reaseheath, Nantwich:—

### Climatic Data—1970

Month		Rainfall in mm/inches		Air Temp. in degrees C. and F.			
				Minimum °C	°F	Maximum °C	°F
January	.....	59.56	2.41	— 9	14	10	50
February	.....	63.52	2.655	— 6	21	11	53
March	.....	58.24	2.32	—15	5	13	56
April	.....	59.7	2.365	— 6	22	17	62
May	.....	15.8	.615	3	38	23	74
June	.....	82.17	3.69	3	38	29	84
July	.....	47.8	1.868	7	44	30	86
August	.....	75.125	2.98	5	40	27	80
September		35.0	1.32	4	38	24	75
October	.....	56.12	2.205	— 1	29	18	64
November		135.27	5.385	— 6	22	16	61
December		29.76	.968	— 7	20	13	54

## TABLE OF CAUSES OF DEATH

Cause of death		Male	Female
Enteritis and Other Diarrhoeal Diseases	.....	1	—
Other Infective and Parasitic Diseases	.....	1	1
Malignant Neoplasm, Oesophagus	.....	—	2
Malignant Neoplasm, Stomach	.....	6	5
Malignant Neoplasm, Intestine	.....	4	2
Malignant Neoplasm, Lung, Bronchus	.....	16	1
Malignant Neoplasm, Breast	.....	—	3
Malignant Neoplasm, Uterus	.....	—	1
Malignant Neoplasm, Prostate	.....	5	—
Leukaemia	.....	1	1
Other Malignant Neoplasms	.....	8	11
Diabetes Mellitus	.....	1	1
Mental Disorders	.....	—	1
Other Diseases of Nervous System	.....	2	—
Chronic Rheumatic Heart Disease	.....	1	2
Hypertensive Disease	.....	5	3
Ischaemic Heart Disease	.....	48	27
Other Forms of Heart Disease	.....	17	13
Cerebrovascular Disease	.....	30	38
Other Diseases of Circulatory System	.....	5	8
Influenza	.....	1	2
Pneumonia	.....	9	10
Bronchitis and Emphysema	.....	9	3
Asthma	.....	1	—
Other Diseases of Respiratory System	.....	2	1
Peptic Ulcer	.....	2	1
Cirrhosis of Liver	.....	1	—
Other Diseases of Digestive System	.....	1	—
Nephritis and Nephrosis	.....	1	—
Other Diseases, Genito-Urinary System	.....	1	—
Congenital Anomalies	.....	—	2
Birth Injury, Difficult Labour, etc.	.....	4	—
Other Causes of Perinatal Mortality	.....	1	2
Symptoms and Ill Defined Conditions	.....	1	7
Motor Vehicle Accidents	.....	1	—
All Other Accidents	.....	2	2
Suicide and Self-inflicted Injuries	.....	1	—
TOTAL ALL CAUSES		189	150

## LABORATORY SERVICES

The Public Health Laboratory at Chester accepts samples of water and ice-cream and other foods for examination and the arrangements introduced with the Group Laboratory of the South Cheshire Hospital Management Committee in 1956, for accepting other bacteriological specimens continues, and the service given is much appreciated.

The chemical analysis of water is undertaken by the County Analyst to whom a fee is payable.

## AMBULANCE SERVICE

With the use of radio control the service is operated centrally at County Level, with vehicles and personnel based at Crewe. Local requests for ambulance transport are accepted at the Ambulance Depot., Badger Avenue, Crewe. Telephone No. Crewe 2030.

## SWIMMING BATHS

There are no public swimming baths or pools in this area.

## IMMUNISATION AND VACCINATION

Year of Immunisation and Vaccination	Diphtheria, Tetanus and Whooping Cough Immunisation		Smallpox Vaccination	
	Primary Immunisation	Re- Immunisation	Primary Vaccination	Re- Vaccination
1966	443	312	229	38
1967	619	445	227	36
1968	483	436	319	13
1969	262	320	264	19
1970	241	407	163	39

In 1970 248 children in the area received a primary course of immunisation against poliomyelitis and 369 children received re-inforcing doses.

290 children received vaccination against measles.

## HOSPITALS

General hospitals at Crewe, Nantwich, and Hartshill in Staffordshire, serve the Rural District, with the old Isolation Hospital now known as Alvaston being available for convalescent cases.

Patients suffering from infectious diseases in the Rural Area are accepted at the Crewe Isolation Hospital, which has met all needs during the year.

The Maternity Hospital at Linden Grange, Crewe, and the Maternity wards at the Barony Hospital, Nantwich, continued to serve the Rural District.

Hospitalisation of tuberculous patients is at Hefferston Grange within the County of Cheshire.



## **MORTUARY FACILITIES**

The arrangements made with the South Cheshire Hospital Management Committee for the use of the mortuary at the Barony Hospital, Nantwich, have worked satisfactorily and continued to meet the needs of the Rural District.

## **DISINFECTION**

Terminal disinfection is carried out at homes of patients suffering from infectious diseases, as and when required. Arrangements for the steam disinfection of bedding and clothing, etc., are made with the South Cheshire Hospital Management Committee, the work being carried out at the Crewe Isolation Hospital. No such action was necessary during the year.

## **CARAVAN SITES**

There are 28 individual caravan sites and one site consisting of 10 vans. At the present time, negotiations are proceeding with the County Council and the site owner to create an Itinerant Caravan Park at Starkey's Farm, Wrenbury and 28 vans are proposed on this site.

## **NATIONAL ASSISTANCE ACT 1948 & AMENDMENT ACT 1951**

On one occasion in 1970 use was made of the Amendment Act to obtain an order to convey an elderly lady to Arclid Hospital where she was admitted for treatment and care.

## **ERADICATION OF BED BUGS AND OTHER INSECT PESTS**

No Council or private houses were found to be infested with bed bugs during the year.

## **SANITARY INSPECTION OF THE AREA**

The Report of the Chief Public Health Inspector which deals with this matter is attached hereto.

## **SCHOOLS**

No schools were closed during the year as a result of infectious diseases or epidemics.

## **NUTRITION**

No action under this heading has been taken by this Council, and the Welfare Centres at Audlem, Bunbury, Haslington, Shavington, Wistaston and Wrenbury, under the supervision of the Divisional Health Committee have continued to do valuable work in this respect.

## **SHELL-FISH**

There are no shell-fish beds or layings in this district.



## MILK SUPPLIES—BRUCELLA ABORTUS

The following table has been supplied by the County Medical Officer of Health, whose department undertakes the sampling in connection with Brucella Abortus.

				Total Submitted	Number Brucella Positive
Bulk Samples	...	...	...	8	—
Dealer Samples	...	...	...	41	—
Individual Cow Samples	...	...	...	31	5
Total				80	5

In cases where individual cow samples proved positive on Brucella Cultural Examination notices are served requiring that the milk from the offending animals shall not be sold for human consumption or used in the manufacture of products for human consumption unless it has been treated, or in the case of a sale is sold subject to it being treated before consumption, in such a way as to secure to the satisfaction of the District Medical Officer of Health that it may with safety be so disposed of.

## THE LIQUID EGG (PASTEURISATION) REGULATIONS, 1963.

There are no Egg Pasteurisation plants in the district.

## WATER SUPPLY

The Council is a constituent member of the Mid Cheshire Water Board, which maintains a satisfactory and adequate supply of mains water throughout the whole district.

The Board carries out an extensive sampling programme and the Local Authority are notified of any unsatisfactory sample. This is a new procedure and the Health Department has commenced a routine of regularly sampling the Mid Cheshire Water Board Supplies.

Samples are taken from the few private supplies remaining in the district.

53 parishes are completely provided with mains water and of the remaining 16, 13 parishes have only one property without mains water, one has two properties, and two parishes, Peckforton and Wettenhall, have seven and two properties respectively on an estate supply.

There are no residential properties known to be obtaining water from standpipes, other than the occasional caravan sites.

The position excluding estate supplies at the end of 1970 is summarised as follows:—

Bad private supplies	...	...	...	...	9
Suspicious private supplies	...	...	...	...	1
Satisfactory private supplies	...	...	...	...	5

12 water samples were taken during the year for bacteriological examination, 7 proving satisfactory and 5 unsatisfactory. All occupiers of premises with a bad or suspicious supply have been notified to boil all water intended for domestic purposes.

**CASES OF INFECTIOUS DISEASES SHOWING INCIDENCE OF CASES IN VARIOUS AGE GROUPS AMONG CIVILIANS**

Age	Measles	Scarlet Fever	Whooping Cough	Infective Jaundice	Food Poisoning	Tuberculosis	TOTALS
Under 1	2	-	-	-	-	-	2
1—	18	-	-	-	-	-	18
2—	13	-	1	-	-	-	14
3—	17	1	1	-	-	-	19
4—	30	-	1	-	-	-	31
5—	69	2	12	-	-	-	83
10—	7	-	-	1	1	-	9
15—	1	-	-	-	-	-	1
20—	-	-	-	1	-	1	2
35—	-	-	-	-	-	-	-
45—	-	-	-	-	-	1	1
65+	1	-	-	-	1	-	2
Unknown—	-	-	-	-	-	-	-
Total	158	3	15	2	2	2	182

**TUBERCULOSIS**  
**NEW CASES NOTIFIED (including Inward Transfers) and MORTALITY DURING 1970**

Age Periods			New Cases and Transfers				Deaths			
			Resp.		Non-Resp.		Resp.		Non-Resp.	
			M.	F.	M.	F.	M.	F.	M.	F.
0	.....	.....	-	-	-	-	-	-	-	-
1—	.....	.....	-	-	-	-	-	-	-	-
5—	.....	.....	-	-	-	-	-	-	-	-
15—	.....	.....	-	1	1	-	-	-	-	-
25—	.....	.....	-	-	-	-	-	-	-	-
35—	.....	.....	-	-	-	-	-	-	-	-
45—	.....	.....	1	-	-	-	1	-	-	-
55—	.....	.....	-	-	-	-	1	-	-	-
65 and upwards	.....	.....	-	-	-	-	1	-	-	-
			1	1	1	-	3	-	-	-

Total Cases: 6      Deaths: 3      Inward Transfers: –  
 Number of Cases remaining on the Tuberculosis Register at the end of the year 1970:

Males		Females	
Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary
22	5	9	4



## **THE ENGINEER & SURVEYOR PROVIDES THE FOLLOWING INFORMATION WITH RESPECT TO SEWERAGE AND SEWAGE DISPOSAL AND HOUSING:**

### **MAIN VILLAGE SCHEMES:**

1. The laying of sewers and construction of the new sewage disposal works to serve the parishes of Bunbury and Spurstow is now almost complete, and is expected to be in operation early in 1971.
2. During the year, work was completed on the Hough & Weston sewerage scheme.
3. Negotiations have proceeded with the preliminary work for the main drainage scheme to serve Wrenbury & District, and planning permission has been applied for in respect of a pumping station at Marbury – this being the one outstanding permission required.
4. A scheme has been prepared by the Engineer and Surveyor to sewer existing and proposed properties in Nursery Road, Alsager. This scheme includes a small pumping station to discharge into the sewer in Close Lane, Alsager. The Nantwich R.D.C. scheme is dependent on the completion of the scheme of sewerage and sewage disposal now in progress by Alsager U.D.C., which is expected to be completed in July 1971, and on completion, the Nursery Road section will be commenced.
5. **The Wistaston/Crewe Connecting Sewer and Shavington Relief Sewer:**  
Ministry consent has now been received and tenders will be invited in the near future.
6. **Haslington Sewage Disposal Works:**  
The outcome of the informal Ministry inquiry into the scheme is now awaited. The proposed scheme involves extension to the existing works.
7. **Newcastle Road Sewerage Scheme:**  
This is a scheme to serve 35 properties and is now at tender stage. It is expected work will commence in the Spring of 1971.
8. **Bulkeley Sewerage Scheme:**  
This scheme to provide main drainage and a sewage disposal works for the village of Bulkeley was commenced during the year, and should be completed late 1971.
9. **Alraham, Calveley, Stoke & Wardle Sewerage Scheme:**  
Preliminary consideration to the scheme is in hand.

## **HOUSING:**

During 1970, 280 dwellings were completed by private enterprise, and at the end of the year, 284 were under construction.

The Council finalised details of the Housing & Welfare Scheme at Audlem consisting of 31 units including a Central Block, Warden's Flat, Houses and Bungalows, and work commenced in January 1971. Negotiations are proceeding with the preliminary work for the erection of 11 bungalows at Bunbury and 2 bungalows and a Warden's house at Shavington.

Improvement Grants continue to be dealt with, and during the year, Discretionary Grants covering 43 properties and amounting to £20,939 were paid. Standard Grants covering 57 properties and amounting to £11,854 7s. 6d. were paid.

## **CLOSET CONVERSIONS**

The Council continued to make progress towards the conversion of pail closets where the public sewer became available, and also where owners were prepared to install septic tank drainage. A total of £451 13s. 0d. was paid towards 11 such conversions. The number of pail closets still being emptied at 31st December, 1970 was 681.



# REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR FOR THE YEAR 1970

Public Health Department,  
Stapeley House,  
Stapeley,  
Nantwich.

1st July, 1971.

To the Chairman and Members of the Nantwich Rural District Council.

Ladies and Gentlemen,

I have again pleasure in contributing to the Annual Report of the Medical Officer of Health and dealing with that part relating to the sanitary inspection of the area.

The members of the Council will be aware that the Public Health Department is responsible for the public cleansing services and also the general management of all the Council's transport which has become a more involved business in consequence of new legislation with respect to road safety, licencing, testing, and more intensive maintenance requirements. The completion of the new depot with provision for garaging of vehicles, stores, and vehicle maintenance has ensured a more efficient operation of these vital branches of the Council's work.

At the same time the meat inspection requirements have remained at a high level, demanding much work outside normal office hours.

Generally speaking the work of the Department has continued to run smoothly with only two changes in personnel, in one case a Public Health Inspector and in the other Clerical Assistant/Shorthand Typist, both of which were satisfactorily replaced.

I am grateful for the continued loyal support of all the staff working in the scope of the Public Health Department and the co-operation of other Departments.

## INSPECTIONS

The following tabular statement sets out the number and nature of inspections made during the year :—

Meat Inspection	...	...	...	...	...	3,385
Housing	...	...	...	...	...	432
Public Health Act	...	...	...	...	...	1,084
Poultry Establishments	...	...	...	...	...	166
Rodent Control	...	...	...	...	...	273
Animal Boarding Establishments	...	...	...	...	...	18
Caravan Sites	...	...	...	...	...	31
Clean Air Act	...	...	...	...	...	20
Slaughterhouses	...	...	...	...	...	30
Food and Drugs	...	...	...	...	...	401
Water Supplies	...	...	...	...	...	39
Notifiable Diseases	...	...	...	...	...	216
Refuse Disposal Sites	...	...	...	...	...	517
Offices, Shops and Railway Premises Act	...	...	...	...	...	69
Factories	...	...	...	...	...	101
Milk and Dairies	...	...	...	...	...	19
Hawkers of Food	...	...	...	...	...	8
Noise Abatement	...	...	...	...	...	2
Civic Amenities Act	...	...	...	...	...	22
Scrap Metal Dealers Act	...	...	...	...	...	4
National Assistance Act	...	...	...	...	...	2
Other Visits	...	...	...	...	...	166
TOTAL						7005

## NOTICES SERVED

### Public Health Acts:

Informal notices served	...	...	...	...	...	25
Statutory notices served	...	...	...	...	...	2
Notices complied with	...	...	...	...	...	21

### Food Hygiene:

Notices served	...	...	...	...	...	33
Complied with	...	...	...	...	...	20

### Slaughterhouses:

Notices served	...	...	...	...	...	7
Complied with	...	...	...	...	...	8

### Hawkers of Food:

Notices served	...	...	...	...	...	1
Complied with	...	...	...	...	...	—

### Factories:

Notices served	...	...	...	...	...	4
Complied with	...	...	...	...	...	4

### Housing:

Notices to appear	...	...	...	...	...	4
Demolition Orders	...	...	...	...	...	1
Undertakings accepted	...	...	...	...	...	3

### Offices, Shops and Railway Premises:

Notices served	...	...	...	...	...	10
Complied with	...	...	...	...	...	1

## **NOTIFIABLE DISEASES**

All necessary enquiries and investigations into cases notified to the Medical Officer of Health were made and appropriate action taken.

A party of thirty-five pupils and staff of a Crewe school were taken ill on a visit to Bavaria. On their return specimens from all members of the party were submitted to the Pathological Laboratory at the Barony Hospital for examination and in a number of cases *sonne dysentery* was isolated. Twelve of the party resided in this Rural District of whom seven proved positive on examination. Altogether thirty-nine specimens were taken of which eleven were positive.

Three specimens were taken in connection with cases of suspected food poisoning but none were positive.

One case originally thought to be para typhoid B was subsequently found to be *Salmonella Brandenburg*. This involved a family returning from holiday in Ibiza. Seven specimens were taken from the patient of which four were positive and four were taken from family contacts all being negative.

## **COMMON LODGING HOUSES**

There are no such premises in use in this district.

## **PREVENTION OF DAMAGE BY PESTS ACT, 1949**

There were 6 annual contracts for the treatment of business premises renewed during the year. The premises concerned were supervised and treated as required along with the Council's Sewage Works, Pumping Stations and Refuse Disposal sites, involving 457 visits by the Rodent Operator.

Search for rodent infestations is carried out by the Public Health Inspectors during the normal course of their inspection duties, and reports of infestations by householders and others are investigated and advice on treatment given when necessary.

## **PUBLIC CLEANSING**

During the month of May the O. & M. Unit of the Cheshire County Council commenced Work Study on the refuse collection services of the Council, and was continuing at the end of the year.

In the meantime the Council had considered how it could best use the increased productivity which it was expected would be available from the introduction of an, "Incentive Bonus Scheme." It was decided that weekly collection should be introduced as far as possible, in the closely built up parts of the district with particular reference to the parishes of Haslington, Rope, Weston, Hough, Basford, Shavington, Stapeley, Willaston and Wybunbury, and that the service should be extended to the 860, or so, farms still not receiving attention.



It was expected that the proposed Work Study Based incentive Bonus Scheme for the refuse collection and nightsoil collection service would be introduced early in the year 1971.

The year under review saw the introduction of the first compressor type refuse collector - a Norba/Dennis 50 cu. yd. capacity vehicle - which was chosen after a series of trials of various makes and types. Experience so far gained indicates that economies can be achieved with this type of vehicle in the closely built up areas, but the availability of tips to accommodate such vehicles is a vital necessity, coupled with adequate tip control facilities.

There has been a steady reduction in the number of pail closets and during the year 85 were converted to water carriage, leaving 681 to be emptied weekly.

The Council's employees were not affected by the strike, during which time they continued to work normally, but the increase in wages in consequence of the settlement, together with the costs arising from the Incentive Bonus Scheme, will no doubt be reflected in future rate estimates.

The approximate number of bins being emptied fortnightly according to the O. & M. study, at the end of the year was 15,521.



## AGRICULTURE (SAFETY, HEALTH AND WELFARE PROVISIONS) ACT, 1956

No special action became necessary under this Act during the year which it is believed is being reasonably met so far as sanitary conveniences are concerned. In most cases internal sanitation has been provided in the farmhouses, leaving the original facilities outside available for staff use where required.

## FACTORIES ACT, 1961

The following is a copy of the table forwarded by the Ministry of Labour for the guidance of Medical Officers of Health in preparing that part of their Annual Report which relates to factories:—

### Part I of the Act

1—Inspections for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises	No. on Register	Inspections	NUMBER OF	
			Written Notices Prosecuted	Occupiers
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities	7	5	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	122	87	4	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	9	9	—	—
TOTAL	138	101	4	—

2—Cases in which defects were found. (If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more “cases”).

Particulars	Number of cases in which defects were found		Referred To H.M. By H.M.		Number of cases in which prosecutions were instituted
	Found	Remedied	Insp.	Insp.	
Want of cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable tem- perature (S.3)	-	-	-	-	-
Inadequate ventil- ation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conven- iences (S.7)					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	4	4	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including off- ences relating to Outwork)	-	-	-	-	-
<b>TOTAL</b>	<u>4</u>	<u>4</u>	<u>-</u>	<u>-</u>	<u>-</u>

### Part VIII of the Act—Outwork.

Section 133		and		Section 134		
Nature of Work (1)	No. of out-workers in August list required by Section 133 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwhole- some premises (5)	Notices served (6)	Prosecutions (7)
Wearing } Making apparel } etc	7	-	-	-	-	-

**CLEAN AIR ACT, 1956**

Informal action continued as required, with industrial concerns co-operating with the Council's Officials to ensure the prevention of smoke nuisances.

There is still no decision by the Minister with respect to the Smoke Control Order at Wistaston and Woolstanwood, which was submitted in December 1962, and is complimentary with the Borough of Crewe No. 1 Order.

**HOUSING**

The following is an assessment of the work of the department throughout the year :—

1.	Houses dealt with without service of formal notice:						
	Made fit or defects remedied	...	...	...	...	...	17
	Demolished	...	...	...	...	...	1
2.	Statutory Action under Public Health Act:						
	Notices served	...	...	...	...	...	1
	Houses in which defects were remedied	...	...	...	...	...	1
3.	Action under Housing Acts:						
	Demolition Orders made	...	...	...	...	...	1
	Houses demolished	...	...	...	...	...	9
	Undertakings accepted	...	...	...	...	...	3
	Closing Orders made	...	...	...	...	...	2
	Houses Closed	...	...	...	...	...	1
	Houses made fit	...	...	...	...	...	4

**Clearance Areas**

4. Action under Part III of the Housing Act. 1957.  
The Nantwich Rural District Council (Lea Forge Cottages, Lea) Clearance Order, 1970 became operative on the 16th April, 1970. Seven houses are involved and three were vacated by the end of the year.

The Stafford Street, Audlem, Clearance Order, 1967 and the Stafford Street, Audlem, Compulsory Purchase Order, 1967, — both contain five houses, two and four houses respectively being vacated by the end of the year.

5.	At the end of the year the position was as follows:						
	Families awaiting rehousing	...	...	...	...	...	31
	Houses vacant awaiting demolition	...	...	...	...	...	29
	Houses to be made fit	...	...	...	...	...	3



INSPECTION AND SUPERVISION OF FOOD

Milk Suppliers

There were 55 Distributors of Milk on the register at the end of the year.

Hawkers

There were 8 visits made with respect to Hawkers of Food and at the end of the year a total of 69 remained on the Register under Section 114 of the Cheshire County Council Act, 1953.

Food Hygiene (General) Regulations, 1960

The following table shows the number of food premises subject to the Regulations, the requirements of which are being very well complied with.

Trade or Business						
Cafes, Restaurants, etc.	...	...	...	...	...	6
School Canteens	...	...	...	...	...	31
Factory, Office and other Canteens	...	...	...	...	...	10
Fried Fish and Chip Shops	...	...	...	...	...	4
Licensed Premises	...	...	...	...	...	59
Bakehouses	...	...	...	...	...	3
General Provisions	...	...	...	...	...	105
Butchers	...	...	...	...	...	13
Greengrocery	...	...	...	...	...	2
Chemists	...	...	...	...	...	4
Wet Fish	...	...	...	...	...	2
Confectionery	...	...	...	...	...	3
Poultry Dressing and Plucking Establishments	...	...	...	...	...	7
Sweets and Ice-cream	...	...	...	...	...	11
TOTAL						260

Details of weight of food (other than meat at slaughterhouses) condemned during 1970:

	Cwts.	lbs.	ozs.
Meat at retail shops and schools	1	26	0
Cooked meat and meat products		47	0
Canned meats			8
Other canned foods			8
Fruit and vegetables (fresh)	1	42	0
Frozen foods		45	0
TOTAL	3	49	0

Ice-cream

50 samples of ice-cream were taken during 1970, with the following results:

Grade	I	II	III	IV
	40	4	6	-

**Poultry Hygiene and Inspection**

Seven poultry slaughtering and/or dressing and packing establishments operate in the area. Two establishments, where turkey or domestic fowl are stunned before slaughter, being registered under Section 2 of the Slaughter of Poultry Act, 1967. One establishment closed down during the year and turned over to the sale of frozen foods.

It is estimated that the following birds were handled during the year:

Turkeys	...	...	...	...	...	...	6,000
Ducks	...	...	...	...	...	...	—
Geese	...	...	...	...	...	...	—
Hens	...	...	...	...	...	...	1,458,850
Broilers	...	...	...	...	...	...	5,800
Capons	...	...	...	...	...	...	21,000
							<hr/>
TOTAL							1,491,650 <hr/>

It is estimated that 2½% of the above birds were rejected as unfit for human consumption, with an estimated weight of 1,320 cwts.

**Slaughtering Facilities and Meat Inspection**

The nine licenced slaughterhouses in the district continued to operate throughout the year. The number of animals slaughtered was 83,667 compared with 88,503 in 1969, 74,735 in 1968 and 47,053 in 1967. The maximum charges allowed for inspection under the Meat Inspection Regulations 1963 were again applied in all cases with an income of £4,519 13s. 6d.

## Details of Animals Inspected and Meat Condemned

	Cattle					
	(Excl. Cows)	Cows	Calves	Pigs	Sheep	Total
Number killed	6,589	13,114	26,542	10,054,	27,368	83,667
Number <b>not</b> inspected	-	-	-	-	-	-

### All diseases except Tuberculosis and Cysticerci

Whole Carcasses condemned ...	46	266	588	159	236	1,295
Carcases of which some part or organ was condemned	2,027	11,263	62	1,113	5,384	19,849
Percentage of the number inspected affected with disease other than tuberculosis or cysticerci ...	31.5	87.9	2.4	12.7	20.5	25.3

### Tuberculosis only

Whole carcasses condemned ...	-	-	-	-	-	-
Carcases of which some part or organ was condemned	-	20	-	24	-	44
Percentage of the number inspected infected with tuberculosis ...	-	0.15	-	0.24	-	0.05

### Cysticerci only

Carcases of which some part or organ was condemned ...	10	10	-	-	-	20
Carcases submitted to refrigeration	6	2	-	-	-	8
Generalised and totally condemned	-	-	-	-	-	-
Percentage of the number inspected infected with cysticerci ...	0.15	0.08	-	-	-	0.02

The estimated total weight of meat condemned (excluding offal) was 159 tons, 12 cwt., 94 lbs. The meat which is unfit for human consumption is either sterilised or destroyed, most of it being sold by the slaughterhouse occupiers to approved establishments for processing. At 1 slaughterhouse certain glands and organs together with suitable condemned livers are allocated for pharmaceutical purposes.



The decline of tuberculosis as a major disease in food animals as a result of the Government's eradication scheme is illustrated in the following table :—

Animals Affected	1955 %	1960 %	1965 %	1970 %
Cows ... ..	38.2	5.4	0.77	0.15
Cattle (excluding cows) ... ..	9.7	4.2	0.04	—
All animals (incl. calves, pigs and sheep) ... ..	4.6	1.3	0.44	0.05

During 1970, 58 cows and 12 calves were consigned to slaughterhouses under the Tuberculosis (Slaughter of Reactors) Order. Of these 21 cows were found to be affected with visible lesions of tuberculosis. Any animal found to be affected with tuberculosis during the course of inspection is notified to the Ministry's Veterinary Officers who endeavour to trace the source of infection.

The number of slaughtermen licensed by the Council was 33.

## CANALS

The use of the canals, which cross the area, by pleasure boats is increasing. The disposal of refuse and litter is always a problem, but it is hoped that with the co-operation of the British Waterways Board, it will be kept under control.

## OFFENSIVE TRADE

There is still only one in the area—a tripe boiler—which continues to operate without cause for complaint.

## OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

TABLE A—Registrations and General Inspections			Number of registered premises receiving one or more general inspections during the year
Class of Premises (1)	Number of premises Newly registered during the year (2)	Total number of registered premises at end of year (3)	(4)
Offices ...	2	19	8
Retail Shops ...	2	58	22
Wholesale shops and warehouses ...	—	2	1
Catering establishments open to the public, canteens ...	1	20	7
Fuel storage depots	—	1	—
<b>TOTALS</b>	<b>5</b>	<b>100</b>	<b>38</b>

**TABLE B**—Number of visits of all kinds by Inspectors to Registered Premises—69.

**TABLE C**—Analysis of Persons employed in Registered Premises by (according to) Workplace.

Class of workplace (1)	Number of Persons employed (2)
Offices ... ..	63
Retail shops ... ..	124
Wholesale departments, warehouses ... ..	30
Catering establishments open to the public ... ..	119
Canteens ... ..	—
Fuel storage depots ... ..	2
	<hr/>
	TOTAL 338
	<hr/>
	Total Males 131
	Total Females 207

The area administered by this authority is mainly agricultural, closely allied to dairy farming. The number of premises registered under the above Act are comparatively small and are linked to village and community life.

The introduction of the Offices, Shops and Railway Premises (Hoists and Lifts) Regulations has created no problems, the smaller types of premises prevalent in this area having no use for such equipment.

Owners of premises have generally been found willing to co-operate in the implementation of all requirements of the Act and whilst no special action has been taken to remind occupiers of their obligation to report accidents, we have no reason to believe that employers are evading their responsibilities in this respect.

I am

Your obedient Servant,

JOHN S. TOWNLEY, M.A.P.H.I., M.Inst. P.C.









